

**PINOLE SHOAL MANAGEMENT  
OPERATIONS AND MAINTENANCE**

PROJECT LOCATION AND DESCRIPTION: Pinole Shoal is the main shoal in the San Pablo Bay and Mare Island Strait Project located in Solano County, California. The project provides deep water access to the Suisun Bay Channel and the Ports of Stockton and Sacramento. The shoal is located in the central portion of a 600-foot wide channel -35 feet deep and about 11 miles long in San Pablo Bay.

TOTAL FUNDING:

TOTAL COST: \$ N/A

FEDERAL COST: \$ N/A

NON-FEDERAL COST: \$ N/A

TOTAL FEDERAL COST FY05: \$ 0

FISCAL YEAR 2006 BUDGET: \$ 0

COST TO COMPLETE: \$ N/A

FY 05 AND 06 ACCOMPLISHMENTS: Beneficial reuse of dredged sediments has not been widely instituted in the Sacramento-San Joaquin River Delta. The use of upland disposal for beneficial reuse throughout San Francisco Bay has been promoted via a inter-agency Long Term Management Strategy (LTMS) for dredging/disposal, which spells out where and how much disposal of dredged sediments can occur over time. To allow for widespread upland reuse to occur in the Delta, a LTMS strategy should be devised for the Delta geographic area. Funding would be used to implement a Delta LTMS, to enable Pinole Shoal and other sediments to be reused for critical levee rehabilitation work, wetland restoration and other beneficial uses.

ISSUES AND OTHER INFORMATION: Sediments dredged from the Pinole Shoal Channel are excellent fortification materials for levees in the Sacramento-San Joaquin Delta, which provides water supply to 2/3<sup>rd</sup>s of California. Delta Levees are in dire need of repair, requiring significant quantities of sediment for critical rehabilitation activities. In June 2004, a levee on Jones Tract island in the south Delta ruptured, creating serious water quality problems associated with saltwater intrusion from the Bay, and cost the Central Valley Water Project over 150,000 acre feet of limited reservoir supply to repel salinity, that California could not afford to lose. A multiple levee break, or a break in the western Delta, could render Delta water supply unusable for months. CALFED estimates that up to 5 million cubic yards of material may be needed to fortify Delta levees, and the beneficial reuse of materials dredged from the Pinole Shoal would provide an important building block for this purpose. However, if no funding is available, dredging will not occur on Pinole Shoals.

CONGRESSIONAL INTEREST: 1<sup>st</sup> District, Rep. Mike Thompson; 3<sup>rd</sup> District, Rep. Doug Ose; 7<sup>th</sup> District, Rep. George Miller

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DISTRICT: San Francisco